

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE
ONLY UNLESS OTHERWISE STATED;

1.ELECTRICAL CHARACTERISTICS:

IMPEDANCE:50 Ω

FREQUENCY:DC-9GHz

VSWR: 0~3G: ≤ 1.3
3~6G: ≤ 1.5
6~9G: ≤ 1.9

INSERTION LOSS: <1.02dB@3.0GHz;<1.50dB@6.0 GHz.

D.W.V: 200VRWS,MIN.

2.MECHANICAL CHARACTERISTICS:

ENDURANCE: 25 CYCLES MIN.
FAKRA CONNECTOR:IP67 UNMATED.

3.ENVIRONMENTAL PARAMETER:

TEMPERATURE RANGE: -40°C TO +90°C
RoHS: COMPLIANT.

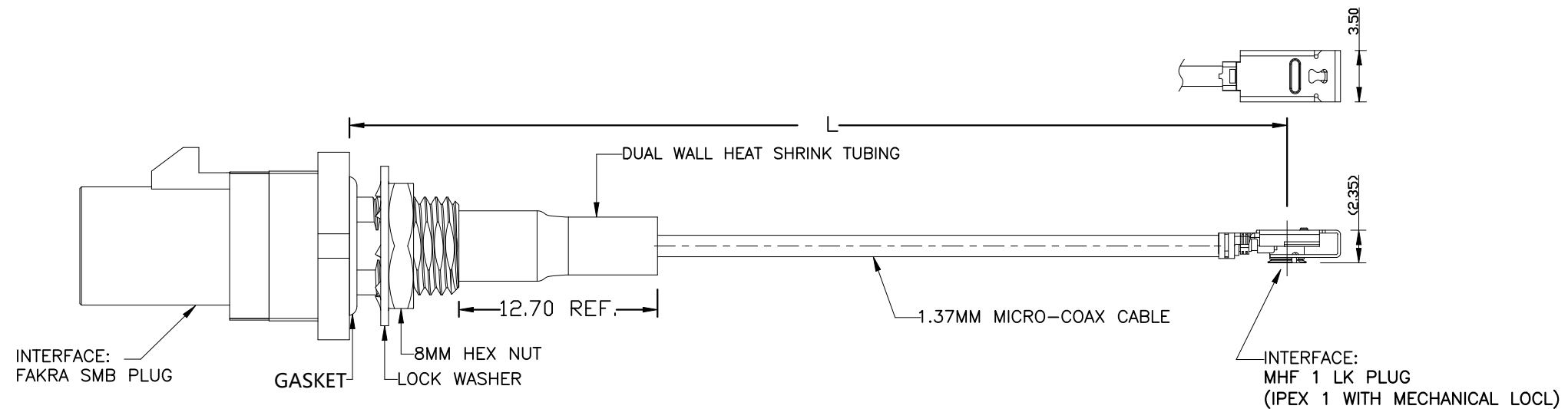
CABLE ASSEMBLY TO BE 100% TESTED FOR
CONTINUITY & HI-POT.

TEPN	DESCRIPTION	L(mm)
2550667-1	FAKRA-P TO MHF1-LK BH 500HM, A 1.37 L100	100±5
2550667-2	FAKRA-P TO MHF1-LK BH 500HM, B 1.37 L100	100±5
2550667-3	FAKRA-P TO MHF1-LK BH 500HM, C 1.37 L100	100±5
2550667-4	FAKRA-P TO MHF1-LK BH 500HM, D 1.37 L100	100±5
2550667-5	FAKRA-P TO MHF1-LK BH 500HM, E 1.37 L100	100±5
2550667-6	FAKRA-P TO MHF1-LK BH 500HM, F 1.37 L100	100±5
2550667-7	FAKRA-P TO MHF1-LK BH 500HM, G 1.37 L100	100±5
2550667-8	FAKRA-P TO MHF1-LK BH 500HM, H 1.37 L100	100±5
2550667-9	FAKRA-P TO MHF1-LK BH 500HM, I 1.37 L100	100±5
1-2550667-0	FAKRA-P TO MHF1-LK BH 500HM, K 1.37 L100	100±5
1-2550667-1	FAKRA-P TO MHF1-LK BH 500HM, L 1.37 L100	100±5
1-2550667-2	FAKRA-P TO MHF1-LK BH 500HM, M 1.37 L100	100±5
1-2550667-3	FAKRA-P TO MHF1-LK BH 500HM, N 1.37 L100	100±5
1-2550667-4	FAKRA-P TO MHF1-LK BH 500HM, Z 1.37 L100	100±5

CODING	COLOR
A	JET BLACK
B	CREAM WHITE
C	SIGNAL BLUE
D	CLARET VIOLET
E	LEAF GREEN
F	NUT BROWN
G	BLUE GREY
H	HEATHER VIOLET
I	BEIGE
K	CURRY
L	CARMINE RED
M	PASTEL ORANGE
N	PASTEL GREEN
Z	WATER BLUE

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GO TO PRODUCTION (ECN-26-399857)	18AUG2026	YS	AM



MATERIALS AND FINISHES:

FINISH (PLATING THICKNESS IN MICRO-INCHES)

NOTE:

- 200 MICROINCHES MIN NICEKL PLATED.
THICK OVER COPPER STRIKE
- 15 MICROINCHES MIN GOLD PLATED,
100 MICROINCHES MIN OVER NICKEL UNDERPLATED,
THICK OVER COPPER STRIKE
- 100 MICROINCHES MIN OVER NICKEL UNDERPLATED,
THICK OVER COPPER STRIKE

NOTE 3	LEAD-FREE BRASS	NUT	7
PASSIVATION	STAINLESS STEEL	LOCKWASHER	6
RED	SILICONE	GASKET	5
N/A	TEFLON MIL-P-19468	INSULATOR	4
NOTE 2	LEAD-FREE BRASS	CONTACT PIN	3
NOTE 1	LEAD-FREE BRASS	BODY	2
-	THERMOPLASTIC	HOUSING	1
FAKRA SMB PLUG			
GOLD PLATING	PHOSPHOR BRONZE	CONTACT PIN	2
GOLD PLATING	PHOSPHOR BRONZE	BODY	1
MHF 1 R/A PLUG			
FINISH/PLATING	MATERIAL	DESCRIPTION	

1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PC	/	MHF 1 LK PLUG	3
															mm	/	MICRO-COAX CABLE 1.37mm (BLACK)	2
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PC	/	FAKRA SMB PLUG	1
1-4	1-3	1-2	1-1	1-0	-9	-8	-7	-6	-5	-4	-3	-2	-1	U/N	TEPN		DESCRIPTION	ITEM
QUANTITY PER ASSY																	PARTS LIST	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC $\pm$ - 1 PLC $\pm$ 1 2 PLC $\pm$ 2 3 PLC $\pm$ 5 4 PLC $\pm$ - ANGLES $\pm$ 10
MATERIAL -	FINISH -

DWN SARGUNAM, YAZHINI CHK CHEE, TSHUPIN APVD MANJUNATHA, ARAVIND PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	12AUG2026 12AUG2026 12AUG2026	NAME FAKRA-P TO MHF1-LK BH 500HM, 1.13 L100 - -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2550667	RESTRICTED TO -		
CUSTOMER DRAWING						SCALE 1:1	SHEET 1 OF 2	REV A

P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

1. PACKAGE QUANTITY:

X-2550667-X : 25PCS/BAG, 20BAG/CARTON, TOTAL: 500PCS/CARTON;

2. NET WEIGHT, GROSS WEIGHT:

X-2550667-X : 6.32g/PCS, 4160g/CARTON;



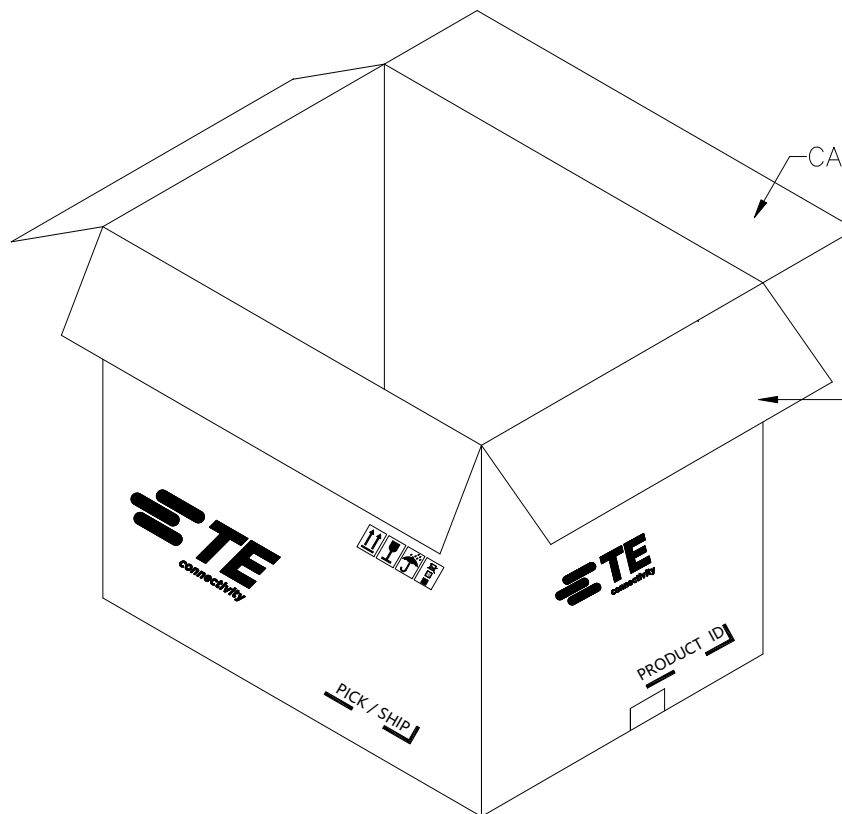
TE LABEL

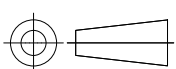
BAG.



/ CARTON

— STICK A LABEL ON THE CARTON.



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MATERIAL —		FINISH —		CAGE CODE 00779	
				DRAWING NO C-2550667	
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CUSTOMER DRAWING				SCALE 1:1	
				SHEET 2 OF 2	
				REV A	